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☐ 1. Document ID: US 20060166214 A1

L2: Entry 1 of 13

File: PGPB

Jul 27, 2006

PGPUB-DOCUMENT-NUMBER: 20060166214

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060166214 A1

TITLE: Marker for detecting mesenchymal stem cell and method of distinguishing mesenchymal stem cell using the marker

PUBLICATION-DATE: July 27, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Kato; Yukio</u>	Hiroshima		JP
Tsuji; Koichiro	Hiroshima		JP
Koike; Chika	Hiroshima		JP

US-CL-CURRENT: 435/6; 536/24.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWAC	Draw D
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☐ 2. Document ID: US 20060148677 A1

L2: Entry 2 of 13

File: PGPB

Jul 6, 2006

PGPUB-DOCUMENT-NUMBER: 20060148677

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060148677 A1

TITLE: Chondrogenesis stimulator

PUBLICATION-DATE: July 6, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Kato; Yukio</u>	Hiroshima		JP
Fujimoto; Katsumi	Hiroshima		JP

US-CL-CURRENT: 514/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20050186639 A1

L2: Entry 3 of 13

File: PGPB

Aug 25, 2005

PGPUB-DOCUMENT-NUMBER: 20050186639

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050186639 A1

TITLE: Gene originating in human chondrocyte

PUBLICATION-DATE: August 25, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Kato, Yukio</u>	Hiroshima		JP
Kawamoto, Takeshi	Yamaguchi		JP

US-CL-CURRENT: 435/7.2; 424/155.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 20050013804 A1

L2: Entry 4 of 13

File: PGPB

Jan 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050013804

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050013804 A1

TITLE: Method of culturing mesenchymal stem cells

PUBLICATION-DATE: January 20, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Kato, Yukio</u>	Hiroshima		JP
Tsutsumi, Shinichi	Gunma		JP
Shimazu, Atsushi	Hiroshima		JP

US-CL-CURRENT: 424/93.7; 435/366

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 5. Document ID: US 20040121301 A1

L2: Entry 5 of 13

File: PGPB

Jun 24, 2004

PGPUB-DOCUMENT-NUMBER: 20040121301
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040121301 A1

TITLE: Agent imparting resistance to external stimuli

PUBLICATION-DATE: June 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kato, Yukio	Hiroshima-shi		JP
Tsutsumi, Shinchi	Hiroshima-shi		JP
Oda, Ryo	Hiroshima-shi		JP
Shintani, Hideaki	Hiroshima-shi		JP
Nishimura, Masahiro	Hiroshima-shi		JP

US-CL-CURRENT: 435/2; 514/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 20030009020 A1

L2: Entry 6 of 13

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030009020
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030009020 A1

TITLE: Gene originating in human chondrocyte

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Kato, Yukio	Hiroshima		JP
Kawamoto, Takeshi	Yamaguchi		JP

US-CL-CURRENT: 536/23.2; 435/320.1, 435/366, 435/69.1, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 7. Document ID: US 20020169301 A1

L2: Entry 7 of 13

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020169301
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020169301 A1

TITLE: Novel bHLH type transcription factor genes DEC2

PUBLICATION-DATE: November 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Fujimoto, Katsumi	Hiroshima		JP
Shin, Mei	Hiroshima		JP
Kato, Yukio	Hiroshima		JP

US-CL-CURRENT: 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 8. Document ID: US 6992178 B2

L2: Entry 8 of 13

File: USPT

Jan 31, 2006

US-PAT-NO: 6992178

DOCUMENT-IDENTIFIER: US 6992178 B2

TITLE: Agent imparting resistance to external stimuli

DATE-ISSUED: January 31, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20040121301 A1	June 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kato, Yukio	Hiroshima-shi, Hiroshima	732-0062		JP
Tsutsumi, Shinichi	Maebashi			JP
Oda, Ryo	Hiroshima			JP
Shintani, Hideaki	Hiroshima			JP
Nishimura, Masahiro	Hiroshima			JP

US-CL-CURRENT: 530/396; 435/325

ABSTRACT:

The invention provides an agent for conferring resistance comprising a lectin as an effective component, which are able to confer resistance against external stimuli to animal cells, particularly mammalian cells, and to their cultured cells and various tissues in the living bodies. The agent for conferring resistance to external stimulus according to the invention can confer to such animal cells and/or tissues resistance against mechanical stimuli and/or proteolytic reactions, and thereby enhance graft fixation of the cells and/or tissues, as well as transplant tissues obtained by culturing them.

14 Claims, 13 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 11

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 9. Document ID: US 6787518 B1

L2: Entry 9 of 13

File: USPT

Sep 7, 2004

US-PAT-NO: 6787518

DOCUMENT-IDENTIFIER: US 6787518 B1

TITLE: Therapeutics of osteoarthritis and inflammatory joint disease

DATE-ISSUED: September 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Kato; Yukio</u>	Hiroshima-shi, Hiroshima-ken			JP
Iwamoto; Masahiro	Minoo-shi, Osaka 562			JP
Koike; Tatsuya	Shijonawate-shi, Osaka 575			JP

US-CL-CURRENT: 514/2; 514/12, 514/825, 530/324, 530/399

ABSTRACT:

Drugs for preventing or treating diseases that involve the destruction and degeneration of articular cartilage tissue contain a parathyroid hormone related peptide (PTHrP) or a PTHrP derived substance as an effective ingredient.

6 Claims, 9 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 6

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 10. Document ID: US 6392022 B1

L2: Entry 10 of 13

File: USPT

May 21, 2002

US-PAT-NO: 6392022

DOCUMENT-IDENTIFIER: US 6392022 B1

TITLE: Gene originating in human chondrocyte

DATE-ISSUED: May 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Kato; Yukio</u>	Hiroshima			JP
Kawamoto; Takeshi	Yamaguchi			JP

US-CL-CURRENT: [536/23.1](#); [530/300](#), [530/350](#)

ABSTRACT:

This invention provides a gene specifically expressed in differentiated human chondrocytes. By culturing the chondrocytes in the presence of dibutyryl cAMP, the chondrocytes are cultured in a differentiated state and any gene is searched for which has a distinction in expression between differentiated chondrocytes and dedifferentiated chondrocytes. This allows the gene specifically expressed in the former to be obtained.

3 Claims, 8 Drawing figures

Exemplary Claim Number: 1

Number of Drawing Sheets: 8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	FIGS	Drawing Sheets
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